

[Name of Document] CLAIMS

[Claim 1] A gas hermetic bag in which plastic films are superposed on each other and peripheries thereof are tightly closed by thermal welding and gas is charged into the gas hermetic bag, wherein

the gas hermetic bag is folded and thermally welded to form a space therein,

and the bag has a triangle pole shape in which a bottom surface thereof has an isosceles triangle shape and a side surface thereof has a rectangle shape, and a surface facing a vertex angle of the pole is opened.

[Claim 2] The gas hermetic bag according to claim 1, wherein

the gas hermetic bag is provided with a partitioning structure.

[Claim 3] The gas hermetic bag according to claim 1, wherein

the gas hermetic bag is provided with a film added between the plastic films, thereby forming the partitioning structure.

[Claim 4] The gas hermetic bag according to claim 3, wherein

the partitioning structure adds the film between the two plastic films.

[Claim 5] The gas hermetic bag according to any one of claims 3 and 4, wherein

a plurality of surfaces having the partitioning structures are overlapped on each other by adding the film.

[Claim 6] The gas hermetic bag according to claim 5, wherein

when a plurality of surfaces to be repeatedly overlapped on each other are provided, a distance between added films in each row is the same, and films to be added in upper and lower rows are arranged on one line.

[Claim 7] The gas hermetic bag according to claim 5, wherein

when a plurality of surfaces to be repeatedly overlapped on each other are provided, a distance between added films in each row is the same, and films to be added in upper and lower rows are offset from each other by 1/2 distance.

[Claim 8] The gas hermetic bag according to any one of claims 5 to 7, wherein

when a plurality of surfaces to be repeatedly overlapped on each other are provided, an area of a lower row is larger than an area of an upper row, and a step structure is formed by each row.

[Claim 9] The gas hermetic bag according to any one of claims 2 to 8, wherein

two rows or more partitions on the surface of the isosceles triangle are provided, and a width of the lower row is smaller than a width of the upper row.

[Claim 10] The gas hermetic bag according to any one of claims 2 to 9, wherein

the partitions in the side surface have the same widths.

[Claim 11] The gas hermetic bag according to any one of claims 1 to 10, wherein

a vertex angle of the gas hermetic bag is not thermally welded.

[Claim 12] A gas hermetic bag in which plastic films are superposed on each other and peripheries thereof are tightly closed by thermal welding and gas is charged into the gas hermetic bag, wherein

the gas hermetic bag is folded and thermally welded to form a space therein,

the bag has a vertical standing surface commonly having a triangular or tetragonal bottom surface and any of sides of the bottom surface.

[Claim 13] The gas hermetic bag according to claim 12, wherein
the gas hermetic bag is provided with a partitioning structure.

[Claim 14] The gas hermetic bag according to claim 12, wherein
the gas hermetic bag is provided with a film added between the plastic
films, thereby forming the partitioning structure.

[Claim 15] The gas hermetic bag according to claim 12, wherein
the partitioning structure adds the film between the two plastic films.

[Claim 16] The gas hermetic bag according to any one of claims 14 and 15,
wherein

a plurality of surfaces having the partitioning structures are overlapped
on each other by adding the film.

[Claim 17] The gas hermetic bag according to claim 16, wherein
when a plurality of surfaces to be repeatedly overlapped on each other
are provided, a distance between added films in each row is the same, and films
to be added in upper and lower rows are arranged on one line.

[Claim 18] The gas hermetic bag according to claim 16, wherein
when a plurality of surfaces to be repeatedly overlapped on each other
are provided, a distance between added films in each row is the same, and films
to be added in upper and lower rows are offset from each other by 1/2 distance.

[Claim 19] The gas hermetic bag according to any one of claims 16 to 18,
wherein

when a plurality of surfaces to be repeatedly overlapped on each other
are provided, an area of a lower row is larger than an area of an upper row, and
a step structure is formed by each row.

[Claim 20] The gas hermetic bag according to any one of claims 13 to 19,

wherein

two rows or more partitions on the surface of the isosceles triangle are provided, and a width of the lower row is smaller than a width of the upper row.

[Claim 21] The gas hermetic bag according to any one of claims 13 to 20, wherein

the partitions in the side surface have the same widths.

[Claim 22] The gas hermetic bag according to any one of claims 1 to 21, wherein

at the time of the thermal welding, the gas communicating portion is provided by a peeling-off operation.

[Claim 23] The gas hermetic bag according to any one of claims 1 to 22, further comprising at least one gas charging port, wherein

the gas charging port prevents gas charged by a check valve from flowing reversely.

[Claim 24] The gas hermetic bag according to any one of claims 1 to 22, further comprising at least one gas charging port, wherein

the gas charging port prevents gas charged by a labyrinth structure of a check valve from flowing reversely.

[Claim 25] The gas hermetic bag according to any one of claims 1 to 24, further comprising an attached gas hermetic bag provided separately from the body, wherein

the attached gas hermetic bag is connected to a tip end of a connection which has at least two gas communicating narrow passages and which can be bent such that gas can flow between the body and the connection.

[Claim 26] A gas hermetic bag in which plastic films are superposed on

each other and peripheries thereof are tightly closed by thermal welding and gas is charged into the gas hermetic bag, wherein

a film is added between the plastic films and a partitioning structure is applied, thereby flattening a surface of the bag.

[Claim 27] The gas hermetic bag according to claim 26, wherein

a plurality of surfaces to which the partitioning structure is applied by adding the film are overlapped on each other.

[Claim 28] A packaging material for protecting a periphery of an article to be packaged, wherein

the gas hermetic bag according to any one of claims 1 to 27 is used as the packaging material.

[Claim 29] An advertisement medium for displaying an advertisement on a periphery of a gas hermetic bag, wherein

the gas hermetic bag according to any one of claims 1 to 27 is used as the advertisement medium.